

Converting Colors

XYZ(41.2020, 41.2905, 42.9919)

Have a look what the booklet for
XYZ(41.2020, 41.2905, 42.9919)
contains.

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Color

**XYZ(41.0781, 41.1467,
42.8228)**

Conversions

Conversions Part 1

Format	Color
Hex	B9A8A8
RGB	185, 168, 168
RGB Percent	73%, 66%, 66%
CMY	0.2745, 0.3412, 0.3412
CMYK	0.00, 0.09, 0.09, 0.27
HSL	0°, 11%, 69%
HSV	0°, 9%, 73%
XYZ	41.0781, 41.1467, 42.8228
YIQ	173.0830, 10.1320, 3.6040

Conversions

Conversions Part 2

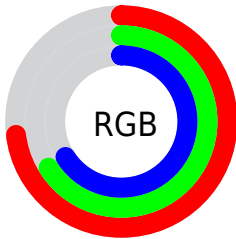
Format	Color
RYB	185, 168, 168
Decimal	12167336
CIELab	70.28, 6.14, 2.22
CIELCh	70, 6.531, 19.904
Yxy	41.1467, 0.3285, 0.3290
Android (android.graphics.Color)	4290357416 (0xFFB9A8A8)
YUV	173.0830, -2.5059, 10.4512
Hunter-Lab	64.1457, 2.0542, 5.3208

Details

The XYZ color **41.0781, 41.1467, 42.8228** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.2542, 46.5247, 52.6526**, and the grayscale version is **39.7725, 41.8438, 45.5679**.

A 20% lighter version of the original color is **75.9826, 76.8038, 80.6319**, and **18.9135, 18.6573, 19.1274** is the 20% darker color. If you saturate the color by 10%, you get **36.3007, 34.1564, 33.3235**, and if you desaturate by 10%, it is **46.5887, 49.2102, 53.7773**.

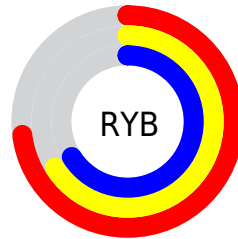
Distribution



Red (73%)

Green (66%)

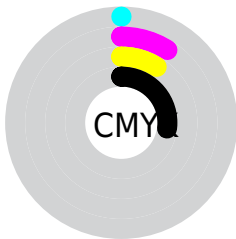
Blue (66%)



Red (73%)

Yellow (66%)

Blue (66%)

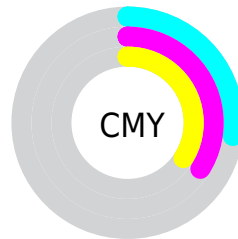


Cyan (0%)

Magenta (9%)

Yellow (9%)

Black (27%)



Cyan (27%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.0781, 41.1467, 42.8228 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 41.0781, 41.1467, 42.8228 by changing the saturation by 10% instead.

■ 41.0781, 41.1467,
42.8228

■ 41.0781, 41.1467,
42.8228

341.7039,
350.9334, 373.7823

■ 28.5681, 28.4337,
29.4157

■ 76.0764, 76.9065,
80.7269

■ 18.8969, 18.6529,
19.1473

■ 99.2954, 100.7222,
106.0610

■ 11.6994, 11.4197,
11.5988

126.8147,
129.0075, 136.2078

■ 6.6101, 6.3499,
6.3519

158.9997,
162.1470, 171.5860

■ 3.2636, 3.0590,
2.9880

196.2158,
200.5249, 212.6139

■ 1.2947, 1.1626,
1.0885

238.8283,

■ 0.1792, 0.0308,

244.5256, 259.7103

0.0000

287.2025,
294.5337, 313.2936

■ 0.0000, 0.0000,
0.0000

■ 41.0781, 41.1467,
42.8228

■ 41.0781, 41.1467,
42.8228

■ 36.3007, 34.1564,
33.3235

■ 46.5887, 49.2102,
53.7773

■ 32.2225, 28.1888,
25.2157

■ 52.8581, 58.3836,
66.2417

■ 28.8116, 23.1978,
18.4349

■ 59.9146, 68.7088,
80.2713

■ 26.0326, 19.1313,
12.9105

■ 67.7843, 80.2237,
95.9177

■ 23.8467, 15.9326,
8.5652

■ 73.8178, 89.0544,
107.9063

■ 22.2107, 13.5386,
5.3135

■ 21.0760, 11.8779,
3.0582

■ 20.3848, 10.8664,
1.6849

■ 20.0327, 10.3510,
0.9852

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



41.1724, 41.1467, 45.8441



41.0781, 41.1467, 42.8228



40.4507, 41.1467, 40.4379

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.0781, 41.1467, 42.8228



37.5537, 41.1467, 41.1078



38.7487, 41.1467, 50.8657

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



41.0781, 41.1467, 42.8228



42.2542, 46.5247, 52.6526

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



37.7967, 41.1467, 49.4688



41.0781, 41.1467, 42.8228



37.1152, 41.1467, 43.7754

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.0781, 41.1467, 42.8228



38.4115, 41.1467, 39.4795



37.2033, 41.1467, 46.8408



39.8143, 41.1467, 50.5820

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



41.0781, 41.1467, 42.8228



39.8209, 41.1467, 39.4857



37.2033, 41.1467, 46.8408



38.4051, 41.1467, 50.5747

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



41.0793, 41.1485, 42.8237



79.4718, 82.3290, 88.4260



42.7677, 41.8229, 51.7180



16.9599, 17.4959, 18.7197



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.0793, 41.1485, 42.8237



71.7654, 71.0526, 73.1047



42.6996, 44.3891, 43.3638



9.0048, 9.0125, 9.3719



13.6237, 7.0238, 0.6377



0.4803, 0.2477, 0.0225

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



42.2542, 46.5247, 52.6526



74.2912, 82.6101, 94.2344



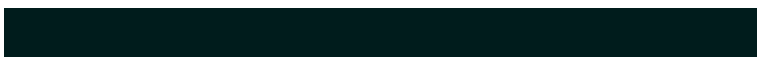
40.5295, 43.0753, 52.0777



9.2666, 10.2103, 11.5618



17.7707, 26.0010, 35.3352



0.6265, 0.9167, 1.2457

Previews

White Background



This preview shows how the XYZ color 41.0781, 41.1467, 42.8228 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 41.0781, 41.1467, 42.8228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 41.0781, 41.1467, 42.8228

Background



This preview shows how black text looks on a background with the XYZ color 41.0781, 41.1467, 42.8228.



This preview shows how white text looks on a background with the XYZ color 41.0781, 41.1467,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

41.0781, 41.1467, 42.8228

Protanopia

39.4978, 41.1421, 43.8897

Deuteranopia

41.9393, 41.0467, 42.7582



Tritanopia

42.2664, 41.0919, 48.3517

Trichromacy



Original Color

41.0781, 41.1467, 42.8228

Protanomaly

40.1266, 41.1977, 43.3732

Deuteranomaly

41.6256, 41.1560, 42.7958

Tritanomaly

41.8063, 41.1717, 46.3009

Monochromacy



Original Color

41.0781, 41.1467, 42.8228

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

40.0451, 41.4132, 44.4110

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.0781, 41.1467, 42.8228 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(185, 168, 168)` looks like.

```
.text, #text, p{  
    color:rgb(185, 168, 168)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(185, 168, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 168, 168) }
```

Border

The CSS property to change the border of an element to XYZ 41.0781, 41.1467, 42.8228 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 168, 168) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(185, 168, 168) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(185, 168, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 168, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 168, 168);  
box-shadow:4px 4px 4px 4px rgb(185, 168,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 41.0781, 41.1467, 42.8228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 168, 168) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(185,  
168, 168) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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